

1     Claims

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3     Claim 1.    An apparatus for securement of a low profile auxiliary  
4     generator to large vehicles, said large vehicle having a frame,  
5     said apparatus comprising an enclosure having interconnected  
6     opposite vertical walls, said vertical walls forming front and  
7     back walls, opposite end walls, and a top parallel to a floor, an  
8     integral engine/generator set fixed in said enclosure, said  
9     engine/generator set having a liquid cooled internal combustion  
10    engine connected to an electrical generator by a base plate, said  
11    base plate interconnected with said enclosure, said engine having  
12    at least one cylinder disposed parallel to said floor for turning  
13    said generator to produce electricity.

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15    Claim 2.    An apparatus according to claim 1 wherein said  
16    engine/generator set is connected to a plurality of isolation  
17    mounts to reduce vibration, said isolation mounts located between  
18    said engine/generator set and said floor.

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20    Claim 3.    An apparatus according to claim 1 wherein said floor  
21    and said base plate are a one piece construction connected with  
22    said end walls.

1     Claim 4.   An apparatus according to claim 1 wherein said floor  
2     has an integral step extending beyond said side walls.

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4     Claim 5.   An apparatus according to claim 3 wherein said floor  
5     has an integral step extending beyond said end walls.

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7     Claim 6.   An apparatus according to claim 1 wherein said  
8     enclosure includes a hinge pivotally connecting adjacent  
9     interconnected vertical walls to provide access to said  
10    enclosure.

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12    Claim 7.   An apparatus according to claim 2 wherein said  
13    enclosure includes a hinge pivotally connecting adjacent  
14    interconnected vertical walls to provide access to said  
15    enclosure.

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17    Claim 8.   An apparatus according to claim 3 wherein said enclosure  
18    includes a hinge pivotally connecting adjacent interconnected  
19    vertical walls to provide access to said enclosure.

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21    Claim 9.   An apparatus according to claim 4 wherein said enclosure  
22    includes a hinge pivotally connecting adjacent interconnected

1 vertical walls to provide access to said enclosure.

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3 Claim 10. An apparatus according to claim 1 wherein said liquid  
4 cooled engine has a remotely mounted radiator and associated fan.

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6 Claim 11. An apparatus according to claim 1 wherein one of said  
7 interconnected vertical walls is removably attached to adjacent  
8 interconnected vertical walls.

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10 Claim 12. An apparatus according to claim 1 wherein an air  
11 conditioner compressor is operatively connected to said engine,  
12 said compressor located within said enclosure.

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14 Claim 13. An apparatus for securement of a low profile auxiliary  
15 generator to large vehicles having a frame, said apparatus  
16 functioning as an auxiliary engine/generator set enclosure when  
17 mounted on said frame, said enclosure comprising opposite  
18 interconnected vertical walls, said vertical walls forming front  
19 and back walls, opposite end walls, and a top parallel to the  
20 floor, said enclosure having a floor parallel to said frame  
21 removably connected to said end walls, said engine/generator set  
22 fixed on said floor, said engine having at least one cylinder

1 disposed parallel to said floor for turning said generator to  
2 produce electricity.

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4 Claim 14. An apparatus according to claim 13 wherein said set is  
5 connected to isolation mounts to reduce vibration, said isolation  
6 mounts fixed to said floor.

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8 Claim 15. An apparatus according to claim 13 wherein a hinge  
9 couples to said opposite vertical end walls along said vertical  
10 side wall and said top whereby operation of said hinge provides  
11 access to said enclosure.

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13 Claim 16. An apparatus according to claim 13 wherein said  
14 auxiliary engine/generator set includes an air conditioner  
15 compressor operatively connected thereto and located within said  
16 enclosure.